

## WALTER D. VALDIVIA

*Governance Studies  
Center for Technology Innovation  
The Brookings Institution  
1775 Massachusetts Ave. NW  
Washington, DC 20036  
(202) 540-7783  
wvaldivia@brookings.edu*

### Education

Ph.D. Public Administration, 2011, Arizona State University.

M.S. Economics, 2004, Arizona State University.

B.S. Economics, 2002, Universidad Católica Boliviana.

### Research Publications

Evans, Samuel A. and Walter D. Valdivia. Forthcoming. Export controls: A site of demarcation between academic freedom and national security. *Minerva* 50(2): 169-190.

Valdivia, Walter D. 2011. The stakes in Bayh-Dole: Public values beyond the pace of innovation. *Minerva* 49(1): 25-46.

Valdivia, Walter D. 2011. Innovation, growth, and inequality: Plausible scenarios of wage disparities in a world with nanotechnologies. In Susan Cozzens and Jameson Wetmore (eds.), *Nanotechnology and the challenges of equity, equality and development, Yearbook of Nanotechnology in Society*, Vol. 2: 145-164. Dordrecht: Springer.

Valdivia, Walter D. and David Guston. 2006. *Public value mapping: Workshop report*. Consortium for Science Policy and Outcomes, Arizona State University.

Rick Heffernon, Nancy Welch, and Walter D. Valdivia. 2004. *New returns on investment in the knowledge economy*. Morrison Institute for Public Policy, Arizona State University.

### Other Publications

Valdivia, W. D. 2009. Book review 'Innovation and Inequality: How Does Technical Progress Affect Workers?' by Gilles Saint-Paul. *Science and Public Policy* 36(7): 574-575.

\_\_\_\_\_. 2008. Translation 'Nanotechnology in Uruguay' by Chiancone A., Chimuris, R. and Garrido Luzardo L. In Guillermo Foladori and Noella Invernizzi (eds.), *Nanotechnologies in Latin America*. Dietz: Berlin.

### Working Papers

Equity considerations in university technology transfer (presented at SDN 2011, circulated draft).

A review of evaluation studies on Bayh-Dole: Monomania with the pace of innovation (circulated draft, to be submitted to Policy Studies Journal).

A survey of inequality in science and technology policy (circulated draft).

(with Susan Cozzens). Institutional path dependence, inequality, and nanotechnology (in preparation).

Venture Capital for nanotechnology: Surviving the Valley of Death (in preparation).

A critical examination of the philosophical foundations of policy evaluation (in preparation).

Deadweight loss of import tariffs in small highly-indebted economies (in preparation).

### **Research Experience**

November 2011 - present: Visiting Scholar, Science, Technology, and Society Center, U.C. Berkeley.

Academic year 2010-11: Research Associate, Department of Environmental Science, Policy and Management, U.C. Berkeley.

Academic year 2009-10: Visiting Doctoral Student, Department of Environmental Science, Policy and Management, U.C. Berkeley.

July 2006 - August 2010: Graduate Research Associate, Center for Nanotechnology in Society and Consortium of Science Policy and Outcomes, Arizona State University.

July 2003 - January 2005: Graduate Research Associate, Morrison Institute for Public Policy, Arizona State University.

### **Teaching Experience**

Spring 2008: Masters level Public Service Research I (PAF-501), School of Public Affairs, Arizona State University.

Fall 2007: Masters level Public Policy Analysis (PAF-505), School of Public Affairs, Arizona State University.

Fall 2006 and Spring 2007: Adjunct Faculty, Introduction to Macroeconomics (four sections of ECN-211), Department of Social Sciences, Mesa Community College.

Spring and Summer 2005: Adjunct Faculty, Introduction to Microeconomics (two sections of ECN-212), Department of Social Sciences, Mesa Community College.

### **Honors and Awards**

Graduate Completion Fellowship, Arizona State University, Spring 2011.

Scholarship as a Graduate Research Associate, Center for Nanotechnology in Society, Arizona State University. Four academic years, Fall 2006 to Summer 2010.

Academic Award, School of Public Administration, Arizona State University, Fall 2006.

Scholarship as a Graduate Research Associate, Morrison Institute for Public Policy Arizona State University. Three semesters, Fall 2003 to Fall 04.

Scholarship as a Graduate Teaching Assistant, Department of Economics, Arizona State University. One academic year, Fall 2002 to Summer 2003.

Academic Excellence Award, Department of Economics, Universidad Católica Boliviana. One semester, Fall 1996.

Scholarship, Universidad Católica Boliviana. Five semesters, Spring 2004 to Spring 1996.

### **Journal Referee**

Science and Public Policy.

Innovation—the European Journal of Social Science Research.

## **Selected Conferences Presentations**

- Moral hazard in science policy: An agency-researcher coordination solution. March, 2012. *Rathenau Institut: Workshop on Research Coordination*. Amsterdam.
- Institutional path dependence, inequality, and nanotechnology. November, 2011. *Society for the study of nano-science and emerging technologies (S.Net), 3<sup>rd</sup> annual meeting*. Tempe, AZ: Arizona State University.
- Institutional Integration as Capacity Building. September, 2011. *Atlanta Conference on Science and Innovation Policy*. Atlanta, GA: Georgia Institute of Technology.
- Equity considerations in university technology transfer. June, 2011. *Science and Democracy Network (SDN), 10<sup>th</sup> annual meeting*. Cambridge, MA: Harvard University.
- Innovation, growth, and nanotechnologies. September, 2010. *S.Net, 2<sup>nd</sup> annual meeting*. Darmstadt, Germany: Technische Universität Darmstadt.
- The venture capital cycle and nanotechnology. September, 2009. *S.Net, 1<sup>st</sup> annual meeting*. Seattle, WA: University of Washington.
- Technology, growth, and inequality (Poster). August, 2008. *Gordon Research Conference on Science and Technology Policy*. Big Sky, MT: GRC Series.
- Non-cooperative games in science policy. April, 2008. *Midwest Political Science Association, Annual National Conference*. Chicago, IL.
- Innovation, Growth, and Inequality. July, 2008. *PRIME Conference*. Enschede, NL: University of Twente.
- Inequality and Nanotechnology. June, 2008. *Workshop on Inequality and Emerging Technologies*. Valleta, Malta: *ReIST Project*.
- Science policy and inequality. January, 2008. *First Indo-American Institute of Nano-scale Science and Engineering*. Chennai, India.
- Anticipatory governance and inequality. January, 2008. Invited presentation at the National Institute of S&T and Development Studies (NISTADS). New Delhi, India.
- Anticipatory governance of emerging technologies. March, 2007. Invited presentation at the Science-Society Interface, Université de Lausanne. Lausanne, Switzerland.